BenQ RP8605 interactive whiteboard 2.18 m (86") 3840 x 2160 pixels Touchscreen Black HDMI



Brand : BenQ

Product code: 9H.FC3TC.DE1

Product name : RP8605

86", UHD 3840 × 2160 pixels, IPS, 16:9, 72% NTSC, 450 nits, Ultra Precision IR, Wi-Fi 6, Bluetooth 5.2

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The BenQ Board Pro RP05 is a Google ELDA-certified interactive display by BenQ. It combines the computing power of an 8-core Arm Cortex chipset, Ultra Precision IR touch, top-of-the line hardware and software, a full set of ClassroomCare® technologies, and Google Mobile Services. Users of the BenQ Board can utilize the interactive display for effective and engaging learning experiences and workplace collaboration.
BenQ RP8605. Display diagonal: 2.18 m (86"), Working area: 1895 x 1066 mm, Display brightness: 450 cd/m². Operating system installed: Android, Processor architecture: ARM Cortex A78 + ARM Cortex A55, User memory: 64 GB. Speaker power: 25 W, Subwoofer RMS power: 20 W. Ethernet LAN data rates: 10,100,1000 Mbit/s. Interface: HDMI, USB connector type: USB Type-A, USB Type-B, USB Type-C, DisplayPort version: 1.2a

Display	
Display diagonal *	2.18 m (86")
Display brightness	450 cd/m²
Display resolution	3840 x 2160 pixels
Anti-glare screen	✔
HD type	4K Ultra HD
Panel type	IPS
Native aspect ratio	16:9
Contrast ratio (typical)	1200:1
Contrast ratio (dynamic)	50000:1
Response time	8 ms
Touchscreen *	✔
Touch technology	Multi-touch
Touchscreen type	Infrared
Number of simultaneous touchpoints	50
Touch system response time	5 ms
Colour gamut	72%
Working area *	1895 x 1066 mm
Surface material	Tempered glass
Hardness	9H

Computer system	
Operating system installed	Android
Operating system version	15
Built-in processor	✔
Processor architecture	ARM Cortex A78 + ARM Cortex A55
Processor cores	8
User memory	64 GB
RAM capacity	16 GB
Graphics card family	ARM

Audio	
Built-in speaker(s) *	✔
Number of built-in speakers	2
Speaker power	25 W
Built-in subwoofer	✔
Subwoofer RMS power	20 W

Ports & interfaces	
DisplayPorts quantity	1
Ethernet LAN (RJ-45) ports	1
VGA (D-Sub) ports quantity	1
Line-in	✔
Line-out	✔
OPS slot	1
S/PDIF out port	✔
Microphone connectivity	3.5 mm
Headphone connectivity	3.5 mm
Audio output	3

Ergonomics	
Product colour	Black
VESA mounting	✔
Panel mounting interface	800 x 600 mm
Wall mountable	✔

Performance	
Humidity sensor	✔
Temperature sensor	✔
PM2.5 sensor	✔
Number of air ionizers	1
Motion sensor	✔

Power	
Power consumption (typical)	126.4 W
Power consumption (standby)	0.5 W
AC input voltage	100-240 V
AC input frequency	50/60 Hz

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	20 - 80%
Storage temperature (T-T)	-20 - 60 °C
Storage relative humidity (H-H)	10 - 60%

Weight & dimensions	
Width *	1957 mm

Audio	
Built-in microphone	✔

Network	
Wi-Fi	✔
Bluetooth	✔
Bluetooth version	5.2
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Near Field Communication (NFC)	✔

Ports & interfaces	
Interface	HDMI
USB connector type	USB Type-A, USB Type-B, USB Type-C
HDMI ports quantity	4
USB Type-C ports quantity	3
HDMI version	2.0
HDMI output ports quantity	1
USB Power Delivery (USB PD)	✔
DisplayPort version	1.2a

Weight & dimensions	
Depth	130 mm
Height *	1200.6 mm

Packaging data	
Package width	2110 mm
Package depth	205 mm
Package height	1314 mm
Package weight	55 kg
Quantity per pack	1 pc(s)

Packaging content	
Cables included	HDMI, USB, USB Type-C
Remote control included	✔
Mounting kit	✔
Stylus included	✔
Number of stylus pens	2

Other features	
Country of origin	China

Logistics data	
Customs product code (TARIC)	8528521000
Products per pallet	5 pc(s)

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Catalog Object Cloud

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Publication date: 14-NOV-2026. Prints or copies of Information are only valid on the printed Publication date